



13281 U.S.PTO

Case Docket Number: 50024-026

Customer Number: 20277

**UTILITY PATENT APPLICATION
UNDER 37 CFR 1.53(b)**

Mail Stop New Patent Utility Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Seiichi BANBA, Norihiro NIKAI

FOR: VARIABLE IMPEDANCE CIRCUIT, VARIABLE GAIN DIFFERENTIAL AMPLIFIER, MULTIPLIER, HIGH-FREQUENCY CIRCUIT AND DIFFERENTIAL DISTRIBUTED AMPLIFIER

Enclosed are:

109 pages of specification, claims, abstract.
 Declaration and Power of Attorney.
 Priority Claimed. **Japanese Patent Application No. JP 2003-075902**
Japanese Patent Application No. JP 2004-055399
 Certified copy of _____
 33 sheets of formal drawing.
 An assignment of the invention to **SANYO ELECTRIC CO., LTD.**
and the assignment recordation fee.
 An associate power of attorney.
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
 Information Disclosure Statement, Form PTO-1449 and reference.
 Return Receipt Postcard

The filing fee has been calculated as shown below:

| | NO. OF CLAIMS | | EXTRA CLAIMS | RATE | AMOUNT |
|-----------------------------|---------------|-----|--------------|---------|------------|
| Total Claims | 19 | -20 | 0 | \$18.00 | \$0.00 |
| Independent Claims | 13 | -3 | 10 | \$86.00 | \$860.00 |
| Multiple Dependent Claim(s) | | | | | \$0.00 |
| Basic Fee | | | | | \$770.00 |
| Total of Above Calculations | | | | | \$1,630.00 |
| Less ½ for Small Entity | | | | | \$0.00 |
| Assignment & Recording Fee | | | | | \$40.00 |
| Total Fee | | | | | \$1,670.00 |

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- Please charge my Deposit Account No. 500417 in the amount of \$1,670.00. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.
- Any additional filing fees required under 37 CFR 1.16.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.
- Any patent application processing fees under 37 CFR 1.17.
- Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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